SPECIFICATION AMENDMENTS

Replace paragraph [0001] with:

[0001] The present invention relates to a distance measuring device that measures the distance to an object ~~to be measured~~, and more particularly to an active type distance measuring device suitably used for cameras or the like.

Replace paragraph [0002] with:

[0002] Conventionally, as an active type distance measuring device used for cameras or the like, the following distance measuring device is known. That is, beam of light is projected from an infrared light emitting diode (hereinafter, referred to as "IRED") to an object to be measured, the reflected light of the projected beam of light is ~~received~~ detected by a position sensitive detector (hereinafter, referred to as "PSD"), and the signal output from the PSD is calculated and processed by signal processing circuit and an arithmetic circuit and output therefrom as distance information; thereby the distance to the object to be measured is ~~detected~~ calculated by a CPU. Further, in the case where the distance measurement is made by only one light projection, an error may be generated. Accordingly, it is preferred that a distance measuring routine including light projection with light projecting means, light ~~reception~~ detection with light ~~receiving~~ detecting means, output of output signal with light ~~receiving~~ detecting means, and discharge or charge of an integration capacitor is carried out several times to obtain plural ~~pieces of~~ distance information, and the plural ~~pieces of~~ distance information are integrated by an integration circuit at predetermined intervals ~~to be~~ and averaged. The integration of the distance information with the integration circuit is made by discharging the integration capacitor; and from that state, a voltage corresponding to the distance information is applied to accumulate electric charge.

Replace the paragraph beginning at page 2, line 17 with:

~~SUMMARY OF THE INVENTION~~

At page 5, between lines 22 and 23, insert:

SUMMARY OF THE INVENTION